art - Feature #15894

Feature # 19994 (Accepted): art multi-threading phase 2

Support RangeSet calculation and use per-schedule and across schedules

03/16/2017 11:44 AM - Kyle Knoepfel

Status:	Under Discussion	**Start date:**	03/16/2017
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	50%
Category:		**Estimated time:**	80.00 hours
Target version:		**Spent time:**	32.00 hours
Scope:	Internal	**SSI Package:**	
Experiment:	-		

Description

To support concurrent processing of subruns and runs, each schedule will need to calculate keep track of its own range sets. This may entail assigning dedicated range sets per legacy/one modules. This feature also includes introducing the requisite changes in principal and group management, possibly including aggregating range sets and products before writing them to an output file.

History

#1 - 03/16/2017 11:45 AM - Kyle Knoepfel

- Subject changed from Support @RangeSet@ calculation and use per-schedule and across schedules to Support RangeSet calculation and use per-schedule and across schedules

#2 - 03/16/2017 11:52 AM - Kyle Knoepfel

- Status changed from New to Accepted

- Estimated time set to 80.00 h

#3 - 10/25/2017 12:11 PM - Paul Russo

- Status changed from Accepted to Work in progress

- % Done changed from 0 to 50

Per-schedule range sets implemented. Merging per-schedule range sets at output file switch/close implemented. Only at 50% because multiple SubRuns and Runs in flight is not yet implemented.

#4 - 10/25/2017 12:33 PM - Paul Russo

- Status changed from Work in progress to Under Discussion

#5 - 05/18/2018 02:55 PM - Kyle Knoepfel

- Parent task changed from #15893 to #19994